Operator Guide and Parts List

EMERGENCY LIGHT
NSN 6230-01-481-2214
MODEL
MED-TENT-LT

Manufactured by:
Julian A. McDermott Corporation
1639 Stephen Street
Ridgewood NY 11385
Telephone: 1-(800)- 842-5708
1-(718) 456-3606

CAGEC: 96021

NSN 6230-01-481-2214
MODEL MED-TENT-LT

INSTRUCTIONS FOR THE USER

The emergency light provides sufficient lighting for staff and patient personnel to leave darkened areas of the hospital (inside TEMPER or tentage) when primary or generator power is off-line.
This light is equipped with replaceable, high capacity rechargeable Nickel Cadmium batteries. With fully charged batteries, the light should stay on for up to 2 hours. When necessary, replace the Ni-Cd "C" size batteries with 2-Ampere Hour rated product.

Operation:

The wall mounted power transformer is plugged into a source of 120 Volts AC. The low voltage (12VAC) provides electrical power through a 14-foot cord through the plug/ receptacle combination on the light head. There is a battery-charging module inside the light, which charges the batteries. A full charge takes 8-12 hours. The light may be plugged in indefinitely. The charger is designed to prevent overcharging of the batteries. There is no on-off switch for the light. An electrical disconnect is internal to the light.

Instructions for the biomedical equipment repair person:

There are no user serviceable parts inside. The Ni-Cad batteries should be permanently marked with a date in service. The batteries should be replaced every 2-3 years, or when they will not maintain light operation for at least one hour.

After storage, to place the unit into service:

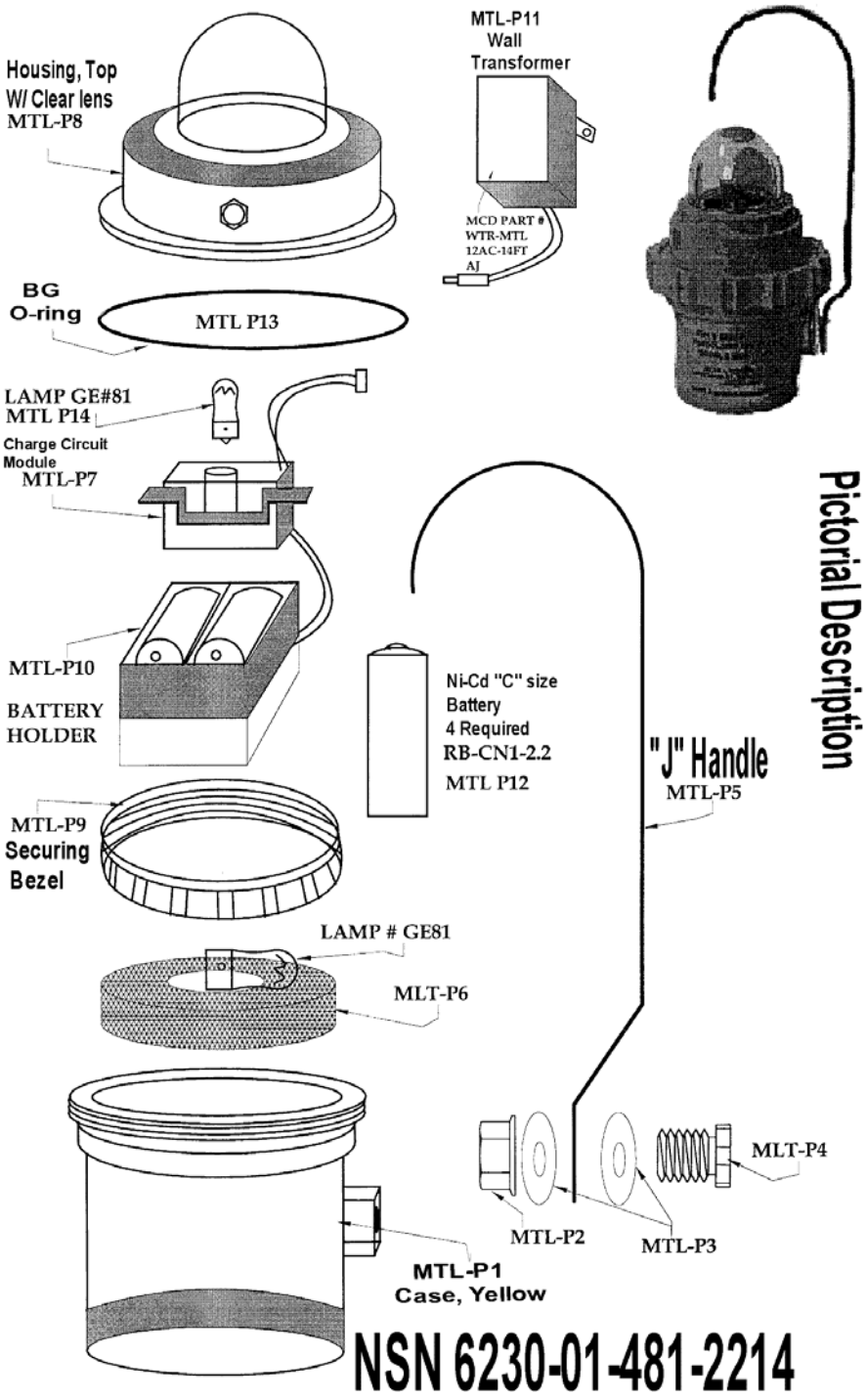
- Unscrew the securing bezel to open the light. There is an internal O-ring used to seal the two parts of the unit. During storage, the seal may become tight. You may use a coin or flat blade screwdriver tip to pry the top of the lamp housing from the base.
- With the top separated from the base, locate the polarized plug socket combination leading from the light. Plug the two halves together. This connects the lamp to the charging module.
- Place the two parts together. Replace and tighten the securing bezel.
- Locate the lamp at an overhead area in the tent. You may rotate the "J" hook to place the lamp in a downward position.
- Place the power transformer into a 120 VAC source of power.
- Route the 14-foot cord up the side of the tent and route it to the male plug on the light.
- Plug in the transformer – NOTE the lamp will NOT turn on.
- Connect the female socket of the wall transformer. The circuit will charge the batteries in 8-12 hours.

If power fails, the lamp will turn on, allowing personnel to exit the area. The lamp will remain on for up to 2 hours.

After use, to prepare the light for storage:

- Disconnect the wall transformer. Unplug the cord from the lamp. Wind the 14-foot cord to minimize volume. Use a tie wrap to maintain the power cord in a safe for storage condition.
- Unscrew the securing bezel from the light. Separate the two parts, locate the disconnect plug. Separate the connection. Replace the securing bezel. Rotate the "J" hook to minimize the volume of the light.
- Place the light and power supply in the NSN marked shipping box.
- Ensure that the operator instructions are placed in the box.
- Secure the box top with tape. Place into storage.

Parts list: Light, Emergency, Model MED-TENT-LT, NSN 6230-01-481-2214				
Nomenclature	**Part Number**	**OEM Part #**	**NSN**	**Quantity Required**
Case, Yellow	MTL-P1			1
Nut, Attachment	MTL-P2			1
Washer, Friction	MTL-P3			2
Screw, Attachment	MTL-P4			1
Hook, "J" shaped	MTL-P5			1
Foam, Plastic	MTL-P6			1
Lamp Socket, Charging Circuit	MTL-P7			1
Housing, Yellow, Top w/ clear Lens	MTL-P8			1
Ring, Securing	MTL-P9			1
Battery Holder Four "C" Cell	MTL-P10	ORNM - 2 x 2		1
Wall Transformer 120 VAC, w/14' Cord	MTL-P11	WTR-MTL 12AC-14 FT AJ		1
Battery, Ni-Cd, 1.2V 1.2 AH, "C" cell	MTL-P12	Panasonic 2200-N RB-CN1-2.2		1
BG O-Ring	MTL-P13			1
Lamp, GE #81	MTL-P14	GE #81	6240-00-014-2306	1
Lamp, Spare	MTL-P14	GE #81	6240-00-014-2306	1



Pictorial Description

NSN 6230-01-481-2214